

**Amendments to the Specification:**

On page 1, before paragraph 1, please add the following:

**Field of the Invention**

The present invention concerns detection of target molecules using methods of enzymatically catalyzed amplification of target associated detectable structures.

On page 1, before paragraph 2, please add the following:

**Background of the Invention**

Several nucleic acid amplification techniques are already known, e.g. the Polymerase Chain Reaction (PCR). However many of these techniques (including PCR) suffer from the disadvantage that they specifically amplify a target sequence (amplicon) present within the sample of interest. This amplicon, once generated, can easily contaminate a laboratory working area in which strict controls are not maintained. Such contamination can render subsequent amplification reactions suspect, and can require a cessation of testing and the initiation of expensive decontamination procedures.

On page 2, before the first full paragraph , please add the following:

**Summary of the Invention**

The current invention outlines a method for the amplification of a nucleic acid based signal. It involves the generation of a repeating structure containing multiple copies of a detectable sequence, and is produced through the concerted action of a polymerase (which extends the repeating structure) and a separating agent (which uncovers hybridisation sites to allow assembly of sequence repeats). The method of the invention offers the following advantages over methods existing in the art:

On page 3, paragraph 2, please add the following:

**Detailed Description of the Invention**

According to a first embodiment of the present invention there is provided a method for detecting a target molecule, comprising the steps of:

On page 24, paragraph 2, please add the following:

Brief Description of the Figures

Figure 1 shows forms of Locator probes hybridised to target nucleic acid sequences;